



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Andy L. Lee, Brian Johnson,  
and Richard G. Cliff

Application No.: 09/761,609 ✓ Confirmation No.: 5825

Filed : January 16, 2001

For : SHIFT REGISTER IMPLEMENTATIONS OF  
FIRST-IN/FIRST-OUT MEMORIES

Group Art Unit : 2818

Hon. Commissioner  
for Patents  
Washington, D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,  
applicants wish to call the attention of the Examiner to the  
following references:

U.S. patents	5,212,652 Agrawal et al.
	5,343,406 Freeman et al.
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	5,572,148 Lytle et al.
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	5,689,195 Cliff et al.
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	5,889,413 Bauer
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	5,926,036 Cliff et al.
	6,049,223 Lytle et al.

U.S. Patent Appln. No. 09/007,718 Zaveri et al.  
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U.S. Patent Appln. No. 09/266,235 Jefferson et al.  
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P. Chow et al., "A 1.2 $\mu$ m CMOS FPGA using Cascaded Logic Blocks and Segmented Routing", FPGAs, Chapter 3.2, pp. 91-102, W.R. Moore and W. Luk (eds.), Abingdon EE&CS Books, Abingdon, (UK), 1991.

L. Mintzer, "FIR Filters with the Xilinx FPGA", FPGA '92 #129-#134.

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"XC4000E and XC4000X Series Field Programmable Gate Arrays; Product Specification", May 14, 1999 (Version 1.6), Xilinx Inc., San Jose, CA, pp. 6-5 through 6-72.

"Flex 10K Embedded Programmable Logic Family",  
Data Sheet, June 1999, ver. 4.01, Altera  
Corporation, San Jose, CA, pp. 1-137.

"Flex 10KE Embedded Programmable Logic Family",  
Data Sheet, August 1999, ver. 2.02, Altera  
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"XC4000XLA/XV Field Programmable Gate Arrays;  
Product Specification", DS015 (v1.3) October 18,  
1999, Xilinx Inc., San Jose, CA, pp. 6-157 through  
6-170.

"Triscend E5 Configurable System-on-Chip Family",  
Triscend Corporation, January 2000 (Version 1.00)  
Product Description, cover page and pp. 25-28.

"Apex 20K Programmable Logic Device Family", Data  
Sheet, March 2000, ver. 2.06, Altera Corporation,  
San Jose, CA, pp. 1-208.

"Virtex 2.5V Field Programmable Gate Arrays",  
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March 9, 2000, Xilinx, Inc., San Jose, CA, pp.  
1-72.

"Virtex<sup>TM</sup>-E 1.8V Extended Memory Field  
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2000, Advance Product Specification, Xilinx Inc.,  
San Jose, CA, pp. 1 and 6.

These references are also listed on the attached  
Form PTO-1449, and copies are enclosed.

Consideration of the foregoing in relation to this  
patent application is respectfully requested.

Respectfully submitted,

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*April 9, 2001*

*Lori N. Scott*

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